

# MPA106D ✓ ACTIVE

Alcoswitch | Alcoswitch MPA

TE Internal #: 2-1437567-8

Push Button Switches, Single Pole - Double Throw Configuration (Pole-Throw), Switch, Single Actuator, Extended Actuator Profile, Alcoswitch MPA

[View on TE.com >](#)



Relays, Contactors & Switches > Switches > Push Button Switches



Configuration (Pole-Throw): **Single Pole - Double Throw**

Push Button Switch Product Type: **Switch**

Number of Actuators: **Single**

Actuator Profile: **Extended**

Bushing Style: **Threaded**

## Features

### Product Type Features

Switch Type	Pushbutton
Dust Proof	No
Push Button Switch Product Type	Switch
Illuminated	No
Actuator Style	Cap - Order Separately

### Configuration Features

ESD Grounding Terminal	Without
Ganged	No
Configuration (Pole-Throw)	Single Pole - Double Throw
Number of Actuators	Single
Snap Action	Without
Support Bracket	Without
Tactile	No
Operating Function	Push-On/Push-Off



### Electrical Characteristics

Push Button Switch Voltage Rating	28 VDC
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### Body Features

Actuator Force	590 – 1224 g[20.8 – 43.18 oz]
Case Material	Thermoset
Actuator Material	Nickel-Plated Copper Alloy
Actuator Profile	Extended
Bushing Style	Threaded
Bushing Thread Size	1/4-40
Actuator Color	Natural

### Contact Features

Contact Base Material	Silver Clad Copper
Push Button Switch Contact Current Rating	6 A
Switch Contact Plating Material	Silver Clad with Gold Flash

### Termination Features

Termination Type	Wire Lugs
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### Mechanical Attachment

Mounting Angle	Vertical
Screw & Hole Thread Size	1/4-40 UNS-2A
Push Button Switch Mounting Type	Panel

### Housing Features

Low Profile	No
Process Sealed	No

### Dimensions

Actuator Length	13.97 mm[.55 in]
Bushing Length	7.11 mm[.28 in]

### Usage Conditions

Temperature Rating	Standard
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### Packaging Features

Packaging Method	Bulk
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### Other



Comment

Order cap model C22 or C23.

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU

Not Compliant

EU ELV Directive 2000/53/EC

Compliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2022 (224)

Candidate List Declared Against: JUNE 2022 (224)

SVHC &gt; Threshold:

1,6,7,8,9,14,15,16,17,17,18,18-

dodecachloropentacyclo

[12.2.1.16,9.02,13.05,10]octadeca-7,15-

diene (Dechlorane Plus) (.74% in

Component Part)

Pb (.74% in Component Part)

**Article Safe Usage Statements:**

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Low Halogen - contains Br or Cl &gt; 900 ppm.

Solder Process Capability

Wave solder capable to 240°C

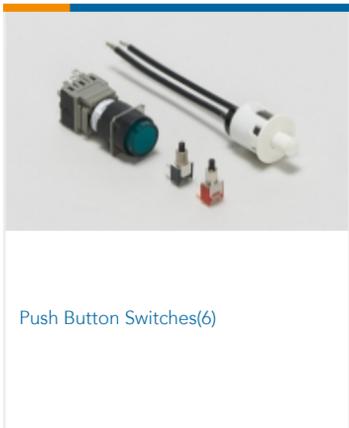
### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



## Also in the Series | Alcoswitch MPA



### Documents

#### Product Drawings

MPA106D=SW P/B ON/OFF SPDT

English

#### CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2-1437567-8\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-1437567-8\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2-1437567-8\_B.3d\_stp.zip

English



By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

## Datasheets & Catalog Pages

[2-1773458-6\\_GREEN\\_SERIES\\_SWITCHES](#)

English